

Rational Production of Grain for Fodder Discussed,
by V. D. Krasnov, 5 pp.
RUSSIAN, per, Zernovoye Khozyaystvo, Moscow, No 2,
Feb 1973, pp 6-7.
JPRS 58894

May 73

Ways of Controlling the Work of Combines Disclosed,
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RUSSIAN, per, ~~Zamovaya Khorovaty~~ Moscow, No 2,
Feb 1973, pp 38-39.
JPRS 58894

May 73

Biological Bases for Winter Hardiness of Grain
Discussed, by A. K. Fedorov, 8 pp.
RUSSIAN, per, ~~Zernovogo Khozyaystva~~, Moscow, No 2,
1973, pp 40-42.
JPRS 58894

May 73

How to Forecast Grain Yields, by
F. G. Chukhol'skiy, 5 pp.
RUSSIAN, per, ~~Zemlevoye Khozyaystvo~~, Moscow, No 3,
Mar 1973, pp 10-11.
JPRS 56701

Apr 73

Stability of Harvest of Winter Crops in Various
Zones of the USSR, by V. M. Pasov, 9 pp.
RUSSIAN, per. ~~Zernovoye~~ ~~Shovkaystvo~~, Moscow, No 3,
Mar 1973, pp 16-19.
JPRS 58701

Apr 73

Optimum Duration of Sowing Spring Grain Crops,
by V. M. Beylis, 10 pp.
RUSSIAN, per, Zernovoye Khozyaystvo, Moscow, No 4,
Apr 1973, pp 13-16.
JPFS 59109

May 73

Razumova, L. A.

Agrometeorologic Factors of North Kazakhstan
Weighed.

6 pp

ZERNVOYE KHOZYAYSTVO, Moscow, No 7, 1973,

pp 24-26.

JPRS 60143

Sobko, A. A.

Results of Millet Experiments Described.

5 PP

ZERNOVOYE KHOZYAYSTVO, Moscow, No 7, 1973,

pp 29-30.

JPRS 60143

Mityagin, A. P.

Development of New Groat Strains Announced.

5 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 7, 1973,

pp 33-34.

JPRS 60143

Tomarovskiy, P. F.

Experiments With Soybean Growing in Kazakhstan.

5 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 8, 1973, pp 43-44.

JPRS 60450

Semenov, V. I.

Nature of Wet Wheat Grain Discussed.
5 pp

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pp 34-35.
JPRS 60606

Blagodyr', A. P.

New Seed Standards Go Into Force.

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pp 40-42.

JPRS 60564

Stepanov, A. I.

Economics of Growing Grain on Irrigated Land
Discussed.

7 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 11, Nov 1973,

pp 9-12.

JPRS 61816

Vorob'yev, V. I.

Ways of Reducing Seasonal Losses of Kuban' Harvest
Related.

3 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 11, Nov 1973,

pp 41-44.

JPRS 61781

Novikov, N. A.

Improvements in Agriculture Output Discussed.

8 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 12, 1973, pp 19-20.

JPRS 61308

RUSSIAN

JPRS 63,113

CSO: 8344/0576
26 Sep 74

Great deeds in agriculture grain economy, by
V. M. Slobodin. 74p

Zernovoye Khozyaystvo, 1974, pp 2-7.

Please publish - include charts. Document may be clipped.
T. D.: 10 October 1974, sooner if possible.

Zhalnin, E. V.

Problems With Mechanized Harvesting of Grain
Related.

9 pp

ZERNVOYE KHOZYAYSTVO, Moscow, No 1, Jan 1974,
pp 22-24.

JPRS 61769

Link, F. I.

Grain Growers and Procurement Employees Cooperate.

11 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 1, Jan 1974.

pp 27-30.

JPRS 61795

Monov, A. I.

Grain and Oil Bearing Seed Crops Discussed.

8 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 1, Jan 1974,

pp 2-4.

JPRS 61816

Mashkevich, N. G.

Structure of Country's Grain Plantings Described.

7 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 2, Feb 1974,

pp 16-18.

JPRS 61816

Borko, I. D.

Floor Harvest Obtained on Irrigated Land of
Dagostan.

5 pp

ZEMNOVOYE KHOZYAYSTVO, Moscow, No 2, Feb 1974,
pp 36-37.

JPRS 61816

Talyshev, P. I.

Tests Show How Wheat Quality, Yield Affected by
Time of Sowing in Altay Kray.

6 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 5, May 1974,
pp 35-36.

JPRS 62164

Dvoryadkin, N. I.

On Efficient Territorial Distribution of Sunflower.

9 pp

ZERNOVYE KHOZYAYSTVO, Moscow, No 5, May 74,

pp 39-42.

JPRS 62500

Kucherov, V. G.

At Advanced Technology of Harvesting Cereal Grain
Crops.

8 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 7, Jul 74, pp 21-
23.

JPRS 63494

Maravenko, V. P.

Effectiveness of the New Combines.
7 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 7, Jul 74, pp 23-
25.

JPRS 63494

Meshcheryakov, V. A.

A New Method of Collecting Husk Chaff.

6 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 7, Jul 74.

pp 25-27.

JPRS 63494

Slobodin, V. M.

Virgin-land Grain Growing Finally Crowned by Success.
7 pp

ZEINOVYE KHOZYAYSTVO, Moscow, No 8, 1974, pp 2-7.
JPRS 63115

Sinyagin, I. I.

Grain Production Problems in Western Siberia.

8 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 8, Aug 74, pp 14-

17.

JPRS 63136

Zabaznyy, P. A.

Work Necessary for 1974 Harvest Described.

5 pp

ZERNOVOYE KHOZYAYSTVO, Moscow, No 11, Nov 1974,

pp 2-3.

JPRS 61769

Grain agriculture concerning harvest yields
ZERNOVOYE KHOZYAYSTVO, 22 October 1974
JPRS 63494

Sroczynski, A.

Crude Protein Recovery from the
Potato Juice

90 pp

ZESZYTY NAUKOWE POLITECHNIKI LODZKIEJ #42
SER: CHEMIA SPOZYWCZA No 6, 1961 p 5-80

NTIS-7T-71-54065

Dominik, J.

Examination on the Insecticide Properties of
some Salt Preparations for Impregnation of
Wood.

ZESEVITY NAUKOWE SGGW O LESNICTWO, No.8, pp.109-
114, 1968.

ANTIS TT 74 54028

Dominik, J.

The Studies on the Disinsectization of Wood
by Coating its Surface with Preparations Te-
tra 8 and xylamit saper.

RESENY MAUKOWE SGGW O LEANICTWO. No.11,
pp.117-132, 1968.

ANTIS TT 74 54529

Dominik, Jan

Investigations on the Durability of Insecticidal Activity of Wood Preservatives.

ZESZYTY NAUKOWE SGGW O LEANICTWO, No.12,

PP.119-120, 1968.

ONTIS TT 74 34027

Dominik, J.

Examination of the Usefulness of Chemical Preparations in Wood and Hardboard Protection against Termites.

ZESZCITY NAUKOWE SCGW O LEANICTWO, No.13, pp.51-59, 1970

NTIS TT 74 54032

Dominik, J.

Using ethylene oxide to fumigate ancient wood
objects.

ZESZYTY NAUKOWE SGGW C LESNICTWO, 1970,
ARTIS TR 74 54031

TOMANEK. JAKUB

//ZESZYTY NAUKOWE SGGW W WARSZAWIE//
--/--/1965, V----, N0007

The influence of the undergrowth and underbrush
on the interception of precipitation in mixed
forest

PP 7-35 NTIS TT 73-54040##

Minakowski, W. & Strzezek, J.
The Free Amino Acids of the Normal and Pathological
Semen of the Black-White Lowland Bulls.
ZESZYTY NAUKOWE WYKSZEJ SZKOŁY ROLNICZEJ
W OLSZTYNIE 1969, pp 91-97

*NTIS TT 73-54095

July 1973

B. Kielczewski

More Common Mite Species of Forest Biotops
Occurring on Trees and Accompanying some In-
sects.

Zeszyty Problemowe Postepow Nauk Rolniczych,
Zeszyt no. 65, pp. 217-224, 8pp.

■NTIS-TT-73-54038

may 73

W. Nawara

A Study on the Properties of Skin Tissue and
Fleece in Connection with Selection indexes
in Sheep.

Zeszyty Probl. Postepow Nauk Roln. Vol. 81,
pp. 259-274, 1968. 16pp.

*NTIS-TT-73-54048

may 73

Swieczynski, K.M.

ZESZYTY PROBL. POSTEPOW NAUK ROLN,
Vol 118, 1971, PP 9-26

*NTIS-TT-74-54050

Werner, E.

ZESZYTY PROBL. POSTEPON NAUK ROLN,
Vol 118, 1971, pp 27-48

*NTIS-TT-74-54052

Sawicka, E.

ZESZYTY PROBL. POSTEPOW NAUK ROLN., Vol 118, 1971
pp 67-80

6*NTIS-TT-74-54049

Swieczynski, K.M.

ZESZYTY PROBL. POSTEPOW NAUK ROLN,
W1 118, 1971, pp 49-66

*NTIS-TT-74-54051

Makuch, M.

Development of parental lines for breeding potatoes with a high protein content.

ZESZTY THOBL. POSTEPON NAUK ROLN. No.118,

op.11-33, 1971.

NTIS TT 74 54043

Dziewonska, M.A.

Development of Potato Clones Resistant to Vi-
ruses.

ZESZENY PROBL. POSTEPOW HAWK ROLN, No.112,
pp.97-118, 1971.

ENTIS TT 74 54041

Sioczka, M.T.

ZESZYTY PROBL. POSTEPOW NAUK ROLN,
Vol 118, 1971, PP 141-150

*NTDS-TT-74-54054

Jastrzebski, K.E. Werner

Development of parental lines for breeding potatoes adapted to requirements of mechanization
BISZTY PROBL. POSTEPOM NAUK ROLN, No.118,
PP.161-171, 1971.
*NTIS TT 74 54042

Unc1 (SLA--73-23) Deposition of niobium and niobium-
carbide coatings from niobium iodides. Repnikov, N.N.;
Gorbunov, N.S. Translated from pp 307-313 Zharostoi kie
Teplostoi kie Pokrytiya, 4th All-Union Conference, 1968
9p. Dep. NTIS.

11F metallurgy: translations
MN-26 p NSA

REVISED
March 19, 1973

ZHURAVLEV, G.I.
//ZHAROSTOIKIE TEPLSTOIKIE POKRYTAYA TR VSFS.
SOVESHCH//
--/--/1969, V----, N----
Theory of the High-Temperature Gas Corrosion of
Metals beneath Coatings,
pp 35-56, *NTIS-TT-74-580100e

Reprilov, N. N.

Deposition of Niobium-Carbide Coatings from Niobium
Iodide

ZHAROSTOIKIE I TEPLOSTOIKIE POKRYYTIA. VSESOUZNOE
SOYESSHCHANIE PO ZHAROSTOIKIM POKRYYTIYAM (no. 4)

Trudy, Izdaniye. 07-31 May 1969. Pp. 1969, p. 300-303

SIA 73-0022

HTC 73-11873-117

Fixed Capital Efficiency in Railway Viewed, by
N. I. Vertinskiy, P. I. Statsenko, 14 pp.
RUSSIAN, per, Zheleznodorozhnyy Transport, Moscow,
No 2, Feb 1973, pp 77-81.
JPRS 58944

May 73

Railroad Operations Indicators Reviewed, 9 pp.
RUSSIAN, per, Zhelezнодорожный Transport, Moscow,
No 3, Mar 1973, pp 30-33.
JPRS 59206

June 73

Need, Costs of New Rail Construction Traced,
by A. I. Ioannisyanyan, 11 pp.
RUSSIAN, per, Zhalegnodoroskiy Transport, Moscow,
No 3, Mar 1973, pp 34-39.
JPRS 59206

June 73

New Railroad Transport Exhibit Opens, by
V. A. Shemanayev, 5 pp.
RUSSIAN, per, Zhelezнодорожный Transport, Moscow,
No 4, Apr 1973, pp 81-82.
JPRS 59288

June 73

Pavlovskiy, I. G.

Problems of Growing Freight Shipments.

14 pp

ŽELEZNO-DOROZHNIY TRANSPORT. Moscow, No 6,

June 1973, pp 2-9.

JPRS 59960

Samokhvalov, V. A.

Plans for Improving Railroad Equipment Described.

16 pp

ZHELEZNO-DOROZHNIY TRANSPORT, Moscow, No 6, June

1973, pp 33-40.

JPRS 59699

Dymant, Yu. N.

ER200 High-Speed Train is Described in Detail.

7 pp

~~ZHELEZNOGOROZHNIY TRANSPORT~~, Moscow, No 6, June
1973, pp 44-46.

JPRS 59699

Kharlanovich, I. V.

Using Computer Technology in Railway Transport.

10 pp

ŽELEZNOGOROZHNIY TRANSPORT, Moscow, No 6, June
1973, pp 58-61.

JPRS 59836

Rail Transport Technical, Economic Progress Noted.
7 pp

ZHELEZNOGOROZHNYI TRANSPORT, Moscow, No 9, Sept
1973, pp 66-68.
JPRS 60438

Kovrigin, A. G.

Railroads Must Reduce Operating Costs.

10 pp

ZHELEZNOGOROZHNIY TRANSPORT, Moscow, No 9, Sept

1973, pp 69-73.

JPRS 60445

Zayfryd, M.

Current and Future Development of Railroad
Transport Systems Outlined, 14 pp.

ZPELEZNODOROZHNIY TRANSPORT, Moscow, No 9,
Sen 73, pp 88-94.

JPRS 60466

Nov 73

Sadunov, V. V.

Mogocha Railroad District Reports Improvements.

7 pp

ZHELEZNOGOROZHENYI TRANSPORT, Moscow, No 10, Oct
1973, pp 22-25.

JPRS 60717

Zayats, I. V.

Containerization Operation Discussed.

7 pp

ZHELEZNO-DOROZHNIY TRANSPORT, Moscow, No 10, Oct
1973, pp 33-36.

JPRS 60717

New Equipment for Sorting Stations Discussed.
6 pp

ZHELEZNODOROZHNIY TRANSPORT, Moscow, No 11, Nov
1973, pp 2-4.

JPRS 61008

Bayzhanov, S. D.

Improving the Poor Reliability of the 2TE10L
Locomotive.

8 pp

ZHELEZNODOROZHNIY TRANSPORT, Moscow, No 11, Nov
1973, pp 40-42.

JPRS 59836

Kolondychenko, V. V.

Automatic Coupling Development Problems Noted.

8 pp

ZHELEZNODOROZHNIY TRANSPORT, Moscow, No 10, Oct
1973, pp 48-52.

JPRS 60733

New Goals of the Five-Year Plan Indicated.

6 pp

ZHELEZNO-DOROZHNIY TRANSPORT, Moscow, No 1, Jan
1974, pp 4-6.

JPRS 61443

Il'in, A. I.

CEMA Cooperation in Transportation.

13 pp

ZHELEZNODOROZHNIY TRANSPORT, Moscow, No 1, Jan

1974, pp 32-37.

JPRS 61535

Sutka, Stefan

International Significance of Czechoslovak
Railroads, 9 pp.
ZHELEZNODOROZHNIY TRANSPORT, Moscow, No 1,
Jan 74, pp 88-94.
JPRS 61399

Burada, K.

Romanian Railroad Improvements Discussed, 6 pp.
ZELEZENODOROVNIY TRANSPORT, Moscow, No 2,
Feb 74, pp 87-90.
JPRS 61770

Jan 74.

Fomin, V. V.

Mechanization of Track Operations on Polish
Railroads, 12 pp.

ZHELEZNOGOROZHNYI TRANSPORT, Moscow, No 2,
Feb 74, pp 91-95.

JPRS 61730

Jan 74

New Traffic Schedule and Train Marshalling Plan.
5 pp
ZHELEZNOBODOZHNIYY TRANSPORT, Moscow, No 3, Mar 1974,
pp 41-42.
JPRS 61912

Verigo, M. F.

Equipment Shortages Mean Poorer Track Maintenance.

9 pp

ZHELEZNOGOROZHNYI TRANSPORT, Moscow, No 2, Feb
1974, pp 41-44.

JPRS 61983

Railroad Transport During 1973.

11 pp

ZHELEZNOGOROZNIYY TRANSPORT, Moscow, No 3, Mar
1974, pp 5-8.

JPRS 62054

Kovrov, P. A.

Effectiveness and Range of Uses of Container
Trains.

11 pp

ZHELEZNODORCHNIY TRANSPORT, Moscow, No 3, Mar

1974, pp 29-33.

JPRS 62054

Solopanov, Yu. G.

Results of Operation of VL80T Electric Locomotives.
11 pp

ZHELEZNODOROZHNYI TRANSPORT, Moscow, No 3, Mar
1974, pp 53-56.

JPRS 61912

Mallov, Vasil

Achievements of Railroad Transportation Out-
lined, 10 pp.

TELETYPE TRANSPORT, Sofia, Nos 7, 8, 9,
1974, pp 1-7.
JPRS 63412

Doc 74

Tsan'ov, Stefan

International Economic Policy of Bulgarian
Railways Described, 7 pp.
HELICOPTER TRANSPORT, Sofia, Nos 7, 8, 9,
1974, pp 12-17.
JPRS 62412

Doc 74

Portkov, Ivan

Scientific Research and Development Work in
the Railway System, 7 pp.
THE BALKAN TRANSPORT, Sofia, Nos 7, 8, 9,
1974, pp 18-21.
JPRS 63412

Doc 71

Yelfimov, V. Ye.

Water Treatment Plants for Volga, Ural Rivers
Described, 5 pp.

PHILISECHNOYE I KOMMUNALNOYE KHOZYAYSTVO,
Moscow, No 9, Sep 74, pp 33-35.

PRS 63367

Dec 74

Imkorov, Nikola

Soviet Aid to Bulgarian Railways Described,
9 pp.
TELEZOPUTEN TRANSPORT, Sofia, Nos 7, 8, 9,
1974, pp 45-50.
JPRS 83412

Dec 74

Kinchev, Georgi

Utilization of Railways During the Last Thirty
Years Described, 7 pp.
TELEKOMBENTEN TRANSPORT, Sofia, Nos 7, 8, 9,
1974, pp 51-54.
JPRS 53012

Doc 74

Foley, Conrad

Locomotive Engine Development in Thirty Years
Reported, 7 pp.
ЭЛЕКТРИЧЕН ТРАНСПОРТ, Sofia, Nos 7, 8, 9,
1974, pp 59-63.
JPRS 63412

Doc 74

Manchev, Dimitar

Rolling Stock Capacity of Bulgarian Railways
Reviewed, 7 pp.
ЗЕЛЕНОПЪТЕН ТРАНСПОРТ, Sofia, Nos 7, 8, 9,
1971, pp 54-67.
JPRS 63412

Dec 71

Gotsev, Vorden

Technical State and Maintenance of Rail Tracks
Viewed, 10 pp.
TELEZOBUTEN TRANSPORT, Sofia, Nos 7, 8, 9,
1974, pp 68-74.
JPRS 63412

Dec 74

Georgiev, Tsvetan

Development of Automation, Cybernetics in
Railway Transportation Reviewed, 6 pp.
TELECOMPUTER TRANSPORT, Sofia, Nos 7, 8, 9,
1974, pp 75-80.
JPRS 63412

Doc 74

Rancher, Hoy:

Training of Railway Management and Executive
Cadres Outlined, 2 pp.
~~SWEDEN/TRANSPORT~~ TRANSPORT, Sofia, Nos 7, 8, 9,
1974, pp 14-30.
JPRS 63612

Doc 74

Kishor, Elator

Development of Refrigerator Cars in Railway
Transport described, 8 pp.
~~TECHNICAL TRANSPORT~~, Sofia, Nos 7, 8, 9,
1974, pp 91-95.
JPRS 43412

Doc 74

Railroad Transport in the Service of Agriculture.
6 pp
ŽELEZNODOROZHNIY TRANSPORT. Moscow, No 8, Aug 74,
pp 2-4.
JPRS 63057

RUSSIAN

CSO: 8144/0967A
22 ~~December~~ 1974
November

Balen'kiy, N.P.

//Zheleznodorozhnyy Transport//
---/10/1974, V----, NO. 10, pp 0039-0046
Moscow

BAM: a Region of Gravity and Freight Haulage
#

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//ZHELEZNODOROZHNIY TRANSPORT//

--/09/1974.V---,N0009, PP 0002-0005

Construction of Baikal-Amur Railway Line Cited.

8 pp

JPRS 63615

TUZHELKIN, V. M.
//ZHELEZNODOROZHNIY TRANSPORT//
---/09/1974, V----, NO009, PP 0026-0030
Rail Shipment of Large Cargo Containers Discussed.
13 PP
JPRS 63615
#

BELEN'KIY, N. P.
//ZHELEZNODOROZHNIY TRANSPORT//
---/10/1974, V-----, NO010, pp 0039-0046
Baykal-Amur Railroad. 12 pp
JPRS 63615
#

SHKUL'TIN, I. V.
//ZHELEZNODOROZHNIY TRANSPORT//
--/11/1974, V----, N----, PP 0060-0064
Development of Information for Railway Transport
Automated Control Systems 9 pp
JPRS 63845
#

VALEKAVICHUK, V.I.
//BRIEFING KONSTRUKTSIY. TRUDY
BIL'NITSKOGO INZHENERNO-STROITEL'NOGO INSTITUTA//
---/1973, V---, NO005,
(n) the cracking resistance of prestressed polymer
cement concrete beams, 12 pp,
PP 190-209, AIR/PTD-EC-23-1980-74##

PODAGEL, R. S.
//ZHELEZOBETONNYE KONSTRUKTSII, TRUDY BIL'
NYUSSKOGO INZHENERNO-STROYTEL'NOGO INSTITUTA, //
---/---/1973, V---, N0005,
Some mechanical properties of polymer cement
concrete exposed to infrared radiation, 9 pp
PP 211-219, AID-FTD-HC-23-1961-7400

Rachev, Kal'io

New National Transport Complex Explained, 10 pp.
ZHELEZOPUTEN TRANSPORT, Sofia, No 2, 1974,
pp 1-6.
JPRS 61937

Jul 74

Installation of Gas Service Facilities in Rural
Areas, by P. Zarovnyy, 5 pp.
RUSSIAN, per, Zhizishchnoye i Kommunal'noye
Khozyaystvo, Moscow, No 3, 1973, pp 37-38.
JPRS 59081

May 73

Chestnyy, M. G.

First Results of Annual Bonus Initiation
Analyzed, 6 pp.

ZHILISHCHNOYE I KOMMUNAL'NOYE KHOZYAYSTVO,
Moscow, No 5, 1973, pp 10-11.

JPRS 59508

Jul 73